JUL 3 0 2003 BY

pCAR-OF gene

(non-functional b-gal gene: no blue cells) non-functional B-gal gene promoter

pCAR-IF gene

promoter

functional B-gal gene

(functional b-gal gene:turns cells blue)

arpincoment suest

FIGURE 1

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FIGURE 2

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Attorney: Patrick J. Farley Phone: (610) 423-6100 Sheet 3 of 8



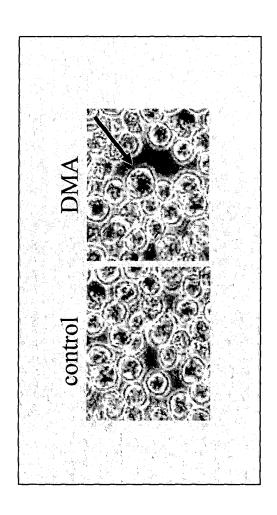
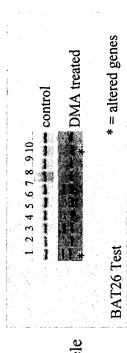


Figure 3

ARCHITA BOOOG







M

altered allele WT allele control

FIGURE 4

RECE! TOO STOOL ST

Sheet 5 of 8 178 - GGGTT AAAAATGTTGAAT 3 0 2003 160 $A_n=26$

GGGTT AAAAATGTT GAAT GGGTT AAA AATGTT GAAT control

GGGTT AAAAATGTTGA AT CCTTAACCTT TTTCAGGTAAA AAAAAA AAAAAA AAAAAAA $A_n=24$

 $A_n = 28$

>>E21(114)CCTTAACC TT TTTCAGGTAAA AAAAAA AAAAAA AAAAAA AAAAAA AAANGGGTTAAAAAATGTTGA AT

TCAGGTAAA AAAAAA AAAAA AAAAAAAAA AAANGGGT CCTTAACC

DMA

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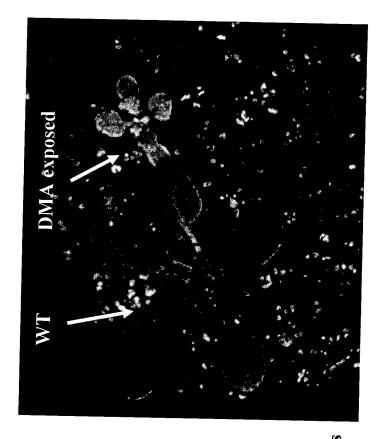


Figure 6

17 day old plants

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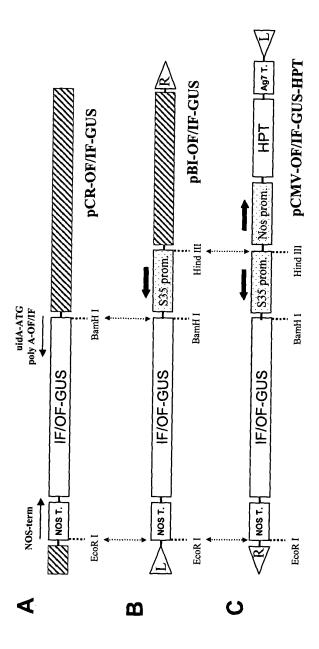


Figure 7

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